

Amendment to Claims: This Listing of Claims will replace all prior versions and listings of claims in the Application.

Please cancel claims 1-13, and add claims 24 – 57.

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LISTING OF CLAIMS

Claims 1-13 (Canceled)

24. A moisture curable adhesive, comprising:

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- a) a polymer or copolymer having reactive silicon end groups;
- b) from about from about 5 to about 90 weight percent of a filler, which includes fumed silica having a surface area of less than 200
15 m²/gram ; and
- c) from about 0.01 to about 10 percent by weight of a dehydrating agent.

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25. The moisture curable adhesive in claim 24, wherein the adhesive has a viscosity of from about 1,000 to about 500,000 centipoise.

26. The moisture curable adhesive in claim 24, wherein the adhesive has a viscosity of from about 1,000 to about 200,000 centipoise.

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27. The moisture curable adhesive in claim 24, wherein the amount of filler is from about 20 to about 85 percent by weight.

28. The moisture curable adhesive in claim 24, wherein the amount of filler is
30 from about 35 to about 85 percent by weight.

29. The moisture curable adhesive in claim 24, wherein the amount of filler is from about 43 to about 85 percent by weight.

30. The moisture curable adhesive in claim 24, wherein the amount of filler is from about 60 to about 85 percent by weight.
- 5 31. The moisture curable adhesive in claim 24, wherein the filler includes a filler having a surface area of less than 150 m²/gram
32. The moisture curable adhesive in claim 24, wherein the filler includes a filler having a surface area of less than 75 m²/gram
- 10 33. The moisture curable adhesive in claim 24, wherein the filler includes a filler having a surface area of less than 50 m²/gram
- 15 34. The moisture curable adhesive in claim 24, wherein the filler with the surface area less than 250 m²/grams is fumed amorphous silica.
35. The moisture curable adhesive in claim 24, which includes calcium carbonate as a filler.
- 20 36. The moisture curable adhesive in claim 24, which has filler selected from: zinc oxide; reinforcing, semi-reinforcing, and non-reinforcing carbon blacks; white carbon; expanded graphite powders; powdery graphite; crystalline silica; molten silica; silicates; chalk; calcium carbonate including limestone; talc; mica; alumina; aluminum hydroxide; zirconia; titanium dioxide; wollastonite; feldspar; aluminum silicate; solid and hollow ceramic microspheres hollow spheres, ceramic and plastic; metal powders and
- 25 microbeads; wood flour; dolomite; organic or inorganic pigments, or combinations thereof.

37. The moisture curable adhesive in claim 24, wherein the adhesive further comprises at least one of a catalyst; anti-oxidants, lubricants, extenders, biocides, adhesion promoters, UV absorbers and stabilizers.
- 5 38. The moisture curable adhesive in claim 24, wherein the catalyst is present in an amount from about 0.01 to about 2.5 percent by weight.
39. The moisture curable adhesive in claim 24, wherein the dehydrating agents is selected from vinyl trimethoxysilane, any vinyl alkoxysilane, or
10 inorganic or organic zeolites.
40. The moisture curable adhesive in claim 24, wherein the adhesion promoter is present in an amount of about 0.01 to about 5 % by weight.
- 15 41. The moisture curable adhesive in claim 24, wherein the anti-oxidant is present in an amount from about 0.01 to about 4 % by weight.
42. The moisture curable adhesive in claim 24, wherein the polymer or copolymer having reactive silicon end groups is present in an amount of
20 about 10 to about 50 percent by weight
43. A moisture curable adhesive, comprising:
- 25 a) a polymer or copolymer having reactive silicon end groups;
- b) from about .01 to about 50 percent by weight of a clear filler that will not substantially interfere with the production of clear adhesive selected from: i) fumed silica with a surface area of less than 150 m²/gram, or a clear filler having a surface area from 75 to less than
30 250 m²/gram where the viscosity of the adhesive is in the range of 1,000 to about 200,000 centipoise; and

c) from about 0.01 to about 10 percent by weight of a dehydrating agent

5 44. The moisture curable adhesive in claim 43, wherein the adhesive has a viscosity from about 1,000 to about 200,000 centipoise.

45. The moisture curable adhesive in claim 43, wherein the glass transition temperature of the adhesive is less than about -20 °C.

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46. The moisture curable adhesive in claim 43, wherein the service temperature range of the adhesive is from about -60°C to about 160 °C.

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47. The moisture curable adhesive in claim 43, wherein the clear filler is fumed amorphous silica.

48. The moisture curable adhesive in claim 43, wherein the polymer or copolymer having reactive silicon end groups is present in an amount of about 50 to about 90 percent by weight.

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49. The moisture curable adhesive in claim 43, wherein the polymer or copolymer having reactive silicon end groups is present in an amount of about 65 to about 80 percent by weight and the polymer or copolymer is selected from polyalkyl oxide; any polyalkane, alkene, or alkyne; polymers of substituted alkyl monomers of styrene; acrylics or any polymer or
25 copolymer that can be prepared with the silyl, reactive silicon, end groups or combinations thereof, and where the polymer or copolymer has reactive silicon end groups selected from triethoxysilane, methyldiethoxysilane, trisilanol, any alkoxysilane, substituted silane, multi-silanol, or
30 combinations thereof.

50. The moisture curable adhesive in claim 43, wherein the amount of filler is from about 5 to about 20 percent by weight.
51. The moisture curable adhesive in claim 43, wherein the filler includes a
5 filler having a surface area of less than 75 m²/gram
52. The moisture curable adhesive in claim 43, wherein the filler includes a blend of fillers one having a surface area of 50 m²/gram and another one having a surface area of 110 m²/gram.
- 10 53. The moisture curable adhesive in claim 43, wherein the adhesive further comprises at least one of a catalyst; anti-oxidants, lubricants, extenders, biocides, adhesion promoters, UV absorbers and stablizers.
- 15 54. The moisture curable adhesive in claim 43, wherein the catalyst is present in an amount from about 0.01 to about 2.5 percent by weight.
55. The moisture curable adhesive in claim 43, wherein the dehydrating agents is selected from vinyl trimethoxysilane, any vinyl alkoxysilane, or
20 inorganic or organic zeolites.
56. The moisture curable adhesive in claim 43, wherein the adhesion promoter is present in an amount of about 0.01 to about 5 % by weight.
- 25 57. The moisture curable adhesive in claim 24, wherein the anti-oxidant is present in an amount from about 0.01 to about 4 % by weight.